

Title (en)

COMPOSITE PRESSURE VESSEL WITH A MONOLAYER LINER

Title (de)

VERBUNDSTOFFDRUCKBEHÄLTER MIT EINER MONOSCHICHTAUSKLEIDUNG

Title (fr)

RÉSERVOIR COMPOSITE SOUS PRESSION AVEC REVÊTEMENT MONOCOUCHE

Publication

EP 3275939 A1 20180131 (EN)

Application

EP 16192469 A 20161005

Priority

EP 16305973 A 20160727

Abstract (en)

The present invention relates to a composite pressure vessel comprising a monolayer liner and a reinforcing structure arranged on top of the liner, the liner being made by injection moulding, the liner comprising at least two shells weldable together. Each shell is made of a polymer composition comprising at least 45% by weight of an aromatic polyamide relative to the total weight of the polymer composition, and at least 10% by weight of an aliphatic polyamide relative to the total weight of the polymer composition.

IPC 8 full level

C08L 77/06 (2006.01); **B29C 65/00** (2006.01); **B32B 27/08** (2006.01); **B32B 27/34** (2006.01); **B60K 15/03** (2006.01); **B65D 65/40** (2006.01)

CPC (source: EP US)

B29C 66/54 (2013.01 - EP US); **B29C 66/71** (2013.01 - EP US); **B32B 27/08** (2013.01 - EP); **B32B 27/12** (2013.01 - EP); **B32B 27/34** (2013.01 - EP); **B60K 15/03006** (2013.01 - EP); **B60K 15/03177** (2013.01 - US); **C08L 77/02** (2013.01 - US); **C08L 77/06** (2013.01 - EP US); **F17C 1/16** (2013.01 - EP); **B29C 45/0001** (2013.01 - US); **B29C 65/02** (2013.01 - EP); **B29C 66/1142** (2013.01 - EP); **B29C 66/721** (2013.01 - EP); **B29K 2077/10** (2013.01 - US); **B29L 2031/7156** (2013.01 - EP); **B29L 2031/7172** (2013.01 - US); **B32B 2260/021** (2013.01 - EP); **B32B 2260/046** (2013.01 - EP); **B32B 2262/101** (2013.01 - EP); **B32B 2262/106** (2013.01 - EP); **B32B 2307/50** (2013.01 - EP); **B32B 2307/718** (2013.01 - EP); **B32B 2307/724** (2013.01 - EP); **B32B 2605/00** (2013.01 - EP); **B60K 2015/03059** (2013.01 - EP US); **B60K 2015/03493** (2013.01 - US); **F17C 2201/0109** (2013.01 - EP); **F17C 2201/056** (2013.01 - EP); **F17C 2201/058** (2013.01 - EP); **F17C 2203/0604** (2013.01 - EP); **F17C 2203/066** (2013.01 - EP); **F17C 2203/0675** (2013.01 - EP); **F17C 2209/2118** (2013.01 - EP); **F17C 2209/2154** (2013.01 - EP); **F17C 2209/221** (2013.01 - EP); **F17C 2221/012** (2013.01 - EP); **F17C 2223/0123** (2013.01 - EP); **F17C 2223/036** (2013.01 - EP); **F17C 2260/012** (2013.01 - EP); **F17C 2260/036** (2013.01 - EP); **F17C 2270/0178** (2013.01 - EP); **Y02E 60/32** (2013.01 - EP)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3275939 A1 20180131; CN 109476911 A 20190315; CN 109476911 B 20210820; EP 3491068 A1 20190605; US 11034236 B2 20210615; US 2019315225 A1 20191017; WO 2018019956 A1 20180201

DOCDB simple family (application)

EP 16192469 A 20161005; CN 201780045913 A 20170727; EP 17754288 A 20170727; EP 2017069070 W 20170727; US 201716317367 A 20170727